

**TDMS No.** 20310 - 02  
**Test Type:** 26-39 WEEKS  
**Route:** GAVAGE  
**Species/Strain:** MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
3'-Azido-3'-deoxythymidine (AIDS)  
**CAS Number:** 30516-87-1

**Date Report Requested:** 07/22/2009  
**Time Report Requested:** 11:51:18  
**First Dose M/F:** 11/18/04 / NA  
**Lab:** NCTR

**C Number:** C20310C  
**Lock Date:** 12/01/2008  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include 917 Vehicl PND 1-8 M      Include 918 AZT 40 PND 1-8 M  
**Study Gender:** Male  
**TDMSE Version:** 2.1.0

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	3	3	3
	4	5	5	5	5	4	5	5	5	5	3	3	1	1	4	4	4	4	2	2	3	8	8	5	5	5	5	5	5
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Vehicle PND 1-8 M</b>	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6
<b>ANIMAL ID</b>	2	7	7	7	7	7	7	8	8	8	8	8	9	9	9	9	0	1	2	2	2	2	3	4	4	5	5	5	5
	6	4	5	6	7	8	5	6	7	8	7	8	9	9	0	8	5	6	8	9	5	7	8	2	3	.....	.....	.....	.....

**\* TOTALS**

## ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	3 1.0	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
Intestine Large, Rectum Degeneration, Cystic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	1 2.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
Cytomegaly	1	2	2	1	1	2	1	1	2	1	1	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	18 1.4	
Inflammation, Chronic Active																												1 2.0
Necrosis																												2 2.0
Tension Lipidosis	1		1			2	1	2	3	1	1	1	2	1	2	2	2	2	2	2	1	1	2	3	1	2	1	3 1.3
Vacuolization Cytoplasmic	2	2	1	2	1	2	3	1	1	1	2	1	2	2	2	2	2	2	1	1	2	3	1	2	1	1	1	23 1.7

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	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	3	3	3
	4	5	5	5	5	4	5	5	5	5	3	3	1	1	4	4	4	4	2	2	3	8	8	5	5	5
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6
<b>Vehicl PND 1-8 M</b>	2	7	7	7	7	7	7	8	8	8	8	8	9	9	9	0	1	2	2	2	2	3	4	4	5	5
	6	4	5	6	7	8	5	6	7	8	7	8	9	9	0	8	5	6	8	9	5	7	8	2	3	.....
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	23	1 2.0	
Cytoplasmic Alteration																										
.....																										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	8 1.0	
Infiltration Cellular, Lymphocyte	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	.....	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	.....	

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
Subcapsular, Hyperplasia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	23	
Hyperplasia																										

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	3	3
	4	5	5	5	5	4	5	5	5	5	3	3	1	1	4	4	4	4	2	2	3	8	8	5	5	5
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6
<b>Vehicle PND 1-8 M</b>	2	7	7	7	7	7	8	8	8	8	9	9	9	9	0	1	2	2	2	2	3	4	4	5	5	5
	6	4	5	6	7	8	5	6	7	8	7	8	9	9	0	8	5	6	8	9	5	7	8	2	3	* TOTALS
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Ectopic Thymus																X										1

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Serosa, Inflammation, Chronic Active	4																									1 4.0
Serosa, Necrosis	4																									1 4.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Degeneration	3																									1 3.0
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Infiltration Cellular, Lymphocyte																										1 2.0
Epithelium, Hyperplasia																										1 2.0
2																										
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Serosa, Inflammation, Chronic Active	2																									1 2.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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**Species/Strain:** MICE/C3B6F1-+/Trp53(tm1Brd)

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## **HEMATOPOIETIC SYSTEM**

## INTEGUMENTARY SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M.. Missing tissue

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**BLANK** Not examined microscopically

1-4 .. Lesion qualified as:

1-4.2. Emission qualified as:

1) Minimal      3) Moderate  
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	3
	4	5	5	5	5	4	5	5	5	3	3	1	1	4	4	4	2	2	3	8	8	5	5
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>ANIMAL ID</b>	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
<b>Vehicl PND 1-8 M</b>	2	7	7	7	7	7	8	8	8	8	9	9	9	9	0	1	2	2	2	2	3	4	4
	6	4	5	6	7	8	5	6	7	8	7	8	9	0	8	5	6	8	9	5	7	8	2
																							<b>* TOTALS</b>

## MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24

## NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Brain, Cerebrum Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	6 1.0

## RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24

## SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade	M .. Missing tissue	1-4 .. Lesion qualified as:
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x .. Lesion present	BLANK .. Not examined microscopically	2) Mild        4) Marked
I .. Insufficient tissue		
	Page 6	

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	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	3	3
	4	5	5	5	5	4	5	5	5	3	3	1	1	4	4	4	2	2	3	8	8	5
																						5
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	6	4	5	6	7	8	5	6	7	8	7	8	9	0	8	5	6	8	9	5	7	8
																						3

**\* TOTALS**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Infiltration Cellular, Lymphocyte	1																					6 1.0
Capsule, Inflammation, Chronic Active	2																					1 2.0
Renal Tubule, Regeneration																						2 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24

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	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	9	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3
	7	5	4	4	4	4	4	4	4	3	2	6	6	4	5	3	2	2	2	1	1	6	6	6

  

<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>ANIMAL ID</b>	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
<b>AZT 40 PND 1-8 M</b>	8	4	6	6	6	6	6	8	8	8	9	0	1	1	3	4	4	4	4	5	5	5	5	6
	8	9	4	5	6	7	8	0	1	2	3	5	1	2	4	3	4	5	6	1	5	6	7	4

**\* TOTALS****ALIMENTARY SYSTEM**

Esophagus

+ 25

Gallbladder

A + 24

Intestine Large, Cecum  
Hyperplasia, LymphoidA + 24  
2 1 2.0

Intestine Large, Colon

A + 24

Intestine Large, Rectum

A + 24

Intestine Small, Duodenum

A + 24

Intestine Small, Ileum

A + 24

Intestine Small, Jejunum

A + 24

Liver

+ 25

Cytomegaly

2 2 1 1 2 2 2 1 2 1 2 1 2 1 2 1 2 1 1 1 14 1.6

Eosinophilic Focus

1

Inflammation, Chronic Active

1 1.0

Necrosis

1 1.0

Tension Lipidosis

2 1.5

Vacuolization Cytoplasmic

18 1.6

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

M .. Missing tissue

x .. Lesion present

A .. Autolysis precludes evaluation

l .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

## P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:51:18

First Dose M/F: 11/18/04 / NA

Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE MALE<br>AZT 40 PND 1-8 M | ANIMAL ID | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | * TOTALS |
|--|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|  |           | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |          |
|  |           | 0           | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |          |
|  |           | 5           | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |          |
|  |           | 7           | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 6 | 6 | 4 | 5 | 3 | 2 | 2 | 2 | 1 | 1 | 6 | 6  |          |
| Pancreas   |           | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |          |
| Salivary Glands<br>Infiltration Cellular, Lymphocyte         |           | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |          |
| Stomach, Forestomach   |           | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |          |
| Stomach, Glandular   |           | A           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |          |

## CARDIOVASCULAR SYSTEM

|              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 24 |
| Heart        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |

## ENDOCRINE SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Adrenal Cortex<br>Hypertrophy<br>Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25    |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 7 1.0 |
| Adrenal Medulla   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25    |
| Islets, Pancreatic<br>Hyperplasia                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25    |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.0 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:51:18

First Dose M/F: 11/18/04 / NA

Lab: NCTR

| DAY ON TEST                        | 0   | 0  | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |    |
|------------------------------------|---|----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
|                                    | 0   | 2  | 3   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |    |
|                                    | 5   | 9  | 3   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |    |
|                                    | 7   | 5  | 4   | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 6 | 6 | 4 | 5 | 3 | 2 | 2 | 2 | 1 | 1 | 6 | 6 | 6 |    |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> |   |    |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| <b>MICE MALE</b>                   |   |    |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| <b>AZT 40 PND 1-8 M</b>            |   |    |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| ANIMAL ID                          |   |    |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Parathyroid Gland                  | M   | +  | +   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |
| Pituitary Gland                    | +    + | 25 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Thyroid Gland<br>Cyst              | A    + | 1  | 1.0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |

**GENERAL BODY SYSTEM**

|            |   |   |
|------------|---|---|
| Tissue NOS | + | 1 |
|------------|---|---|

**GENITAL SYSTEM**

|                                   |   |       |
|-----------------------------------|---|-------|
| Epididymis                        | M    + | 24    |
| Hypospermia                       | 4   | 1 4.0 |
| Preputial Gland                   | M    + | 24    |
| Abscess                           | 3   | 1 3.0 |
| Duct, Dilatation                  | 3   | 1 3.0 |
| Prostate                          | +    + | 25    |
| Infiltration Cellular, Lymphocyte | 1   | 1 1.0 |
| Seminal Vesicle                   | +    + | 25    |
| Testes                            | A    + | 24    |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal   3) Moderate

2) Mild       4) Marked

TDMS No. 20310 - 02  
Test Type: 26-39 WEEKS  
Route: GAVAGE  
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
3'-Azido-3'-deoxythymidine (AIDS)  
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
Time Report Requested: 11:51:18  
First Dose M/F: 11/18/04 / NA  
Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|                                   | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3        |
|                                   | 5 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3        |
|                                   | 7 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 6 | 6 | 4 | 5 | 3 | 2 | 2 | 2 | 1 | 1 | 6 | 6 | 6 | 6        |
|                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        |
| C3B6F1-+/TRP53(TM1BRD) NCTR       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        |
| MICE MALE                         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        |
| ANIMAL ID                         | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6        |
| AZT 40 PND 1-8 M                  | 8 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 9 | 0 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6        |
|                                   | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 1 | 2 | 4 | 3 | 4 | 5 | 6 | 1 | 5 | 6 | 7 | 4 | 5 | * TOTALS |
| Spermatocele                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0    |
| Interstitial Cell, Hyperplasia    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 1.0    |
| Seminiferous Tubule, Degeneration |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.5    |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| 1                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |

## HEMATOPOIETIC SYSTEM

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |         |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------|
| Bone Marrow                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |         |
| Myeloid Cell, Hyperplasia        | 2 | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 2.5   |
| Lymph Node, Mandibular           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |         |
| Hyperplasia, Lymphoid            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |         |
| Lymph Node, Mesenteric           | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |         |
| Hyperplasia, Lymphoid            | 2 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 12 1.4  |
| Spleen                           | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |         |
| Hematopoietic Cell Proliferation | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3 3.0   |
| Hyperplasia, Lymphoid            | 2 | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 7 2.0 |
| Thymus                           | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 22 |         |
| Hyperplasia, Lymphoid            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 2.0   |
| Necrosis                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 2.0   |

## INTEGUMENTARY SYSTEM

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 2  |
| Skin          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

## P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:51:18

First Dose M/F: 11/18/04 / NA

Lab: NCTR

|                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
|                             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        | 0 |
|                             | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3        | 3 |
|                             | 5 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3        | 3 |
|                             | 7 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 6 | 6 | 4 | 5 | 3 | 2 | 2 | 2 | 1 | 1 | 6 | 6 | 6 | 6        | 6 |
| .....                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        | 0 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        | 0 |
| MICE MALE                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        | 0 |
| ANIMAL ID                   | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6        | 6 |
| AZT 40 PND 1-8 M            | 8 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 9 | 0 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6        | 6 |
|                             | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 1 | 2 | 4 | 3 | 4 | 5 | 6 | 1 | 5 | 6 | 7 | 4 | 5 | * TOTALS |   |

## MUSCULOSKELETAL SYSTEM

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |

## NERVOUS SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Brain, Brain Stem                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25    |
| Brain, Cerebellum                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25    |
| Brain, Cerebrum<br>Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25    |
|                                   |   | 1 | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 1.0 |

## RESPIRATORY SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Lung                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25    |
| Foreign Body                             | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1     |
| Infiltration Cellular, Polymorphonuclear | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |
| Bronchiole, Epithelium, Hyperplasia      |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |
| Nose                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25    |
| Foreign Body                             | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02

**Test Type:** 26-39 WEEKS

**Route:** GAVAGE

**Species/Strain:** MICE/C3B6F1-+/Trp53(tm1Brd)

## P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

### 3'-Azido-3'-deoxythymidine (AIDS)

**CAS Number:** 30516-87-1

**Date Report Requested:** 07/22/2009

Time Report Requested: 11:51:18

**First Dose M/F:** 11/18/04 / NA

Lab: NCTR

## **SPECIAL SENSES SYSTEM**

## **URINARY SYSTEM**

\*\*\* END OF MALE DATA \*\*\*

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M.. Missing tissue

#### A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

.. Eczema qualified as:

2) Mild      4) Marked

TDMS No. 20310 - 02

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:51:18

First Dose M/F: 11/18/04 / NA

Lab: NCTR

| DAY ON TEST                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0        |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
|                                    | 0     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3        |
|                                    | 5     | 9     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 1     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3        |
|                                    | 7     | 5     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 2     | 6     | 6     | 4     | 5     | 3     | 2     | 2     | 2     | 2     | 1     | 1     | 6     | 6     |       |          |
|                                    | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .....    |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0        |
| <b>MICE MALE</b>                   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0        |
| <b>ANIMAL ID</b>                   | 4     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6        |
| <b>AZT 40 PND 1-8 M</b>            | 8     | 4     | 6     | 6     | 6     | 6     | 6     | 8     | 8     | 8     | 9     | 0     | 1     | 1     | 3     | 4     | 4     | 4     | 4     | 5     | 5     | 5     | 5     | 6     | 6     | 6        |
|                                    | 8     | 9     | 4     | 5     | 6     | 7     | 8     | 0     | 1     | 2     | 3     | 5     | 1     | 2     | 4     | 3     | 4     | 5     | 6     | 1     | 5     | 6     | 7     | 4     | 5     | * TOTALS |

\*\*\* END OF REPORT \*\*\*

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked